App. No. 10/660,899
Amendment Dated: August 18, 2006
Reply to Office Action of May 18, 2006

REMARKS/ARGUMENTS

Claims 1-42 remain in this application for further review. Independent claims 1, 15, and 29 have been amended to correct a minor typographical error. Applicants believe the claims are allowable over the cited references. Applicants respectfully request reconsideration in light of the arguments set forth herein.

I.   Rejection of Claims 29-42 Under 35 U.S.C. 101

Claims 29-42 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Independent claim 29 has been amended to recite a "computer-readable storage medium." This language is supported on page 9 of the specification. Accordingly, applicants believe that the 35 U.S.C. 101 rejection has been traversed.

II.   Rejection of Claims 1-7, 9, 12, 15-21, 23, 26, 29-35, 37 and 40 Under 35 U.S.C. 102(e).

Claims 1-7, 9, 12, 15-21, 23, 26, 29-35, 37, and 40 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 7,039,722 issued to Fuisz et al. (hereinafter "Fuisz"). Applicants respectfully disagree with the rejection. Applicants assert that Fuisz pertains to a very different technology than that recited in the independent claims of the present invention. Independent claim 1 includes the following combination of elements not taught or otherwise suggested by Fuisz:

> "receiving the request Uniform Resource Locator (URL) *comprising data related to a patterned URL and data related to a destination URL;*
> *determining the patterned URL based on the data related to the patterned URL from the request URL;* and
> generating a destination URL *based on at least one member of a group comprising: the patterned URL, the data related to the destination URL from the request URL, and redirector configuration information.*"

For exemplary purposes only, the below example from the specification illustrates a few advantages:

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> "*After locating an appropriate patterned URL 160 in the patterned URL list 132, the analysis module 131 generates a destination URL 150 based on one or more of the patterned URL 160, the data 147 from the request URL 145, and configuration data from the redirector.* Configuration data from the redirector may include but is not limited to information used to map the services of the website to one or more servers.
>
> For example, a patterned URL **160** may indicate a common domain such as "http://office.microsoft.com/" and indicate formatting for a language indicated in the request URL **145**. Using the language information from the request URL **145** and the formatting indicated in the patterned URL **160**, a destination URL **150** such as "http://office.microsoft.com/ja-jp/home.aspx" can be generated.
>
> *Therefore, there is no need to search a list of all possible destination URLs or query a database containing all possible destination URLs. Rather, a relatively short list of patterned URLs will be searched and a destination URL will be generated based data from the request URL, the patterned URL, and possibly the redirector configuration. Additional details of generating the destination URL will be discussed below with reference to FIG.s 3-6.*"
> Specification, at page 8, lines 9-23. (Emphasis added).

As indicated from the above portion of the specification, the specification pertains to redirecting a request URL. Applicants assert that Fuisz pertains to an entirely different technology. Fuisz pertains to a system for easily naming web sites. As indicated in the below citations, aspects of the Fuisz invention allow a user to input an identifier into a web site name. That identifier may include a number, color, letter, etc. When the user executes the request for the web site, the identifier that the user inserted into the web site name indicates a web site having a complex, non-user friendly name. Stated another way, Fuisz teaches a system that allows a user to enter an easily remembered identifier to indicate a web site that has a complex and difficult to remember web site name. Fuisz teaches aspects of this system as follows:

> "The present invention works in part by identifying the existence of a translated Web address. In that regard, as shown if FIG. 3, a personal computer 12 may be provided with a special keyboard 14. The keyboard 14 may be provided with designated keys or buttons 16 and 18 that may correspond to different translations or layers. For example, button 16 may correspond to a traditional "www" request and button 18 may correspond to a translated "2ww". Those of ordinary skill in the art will recognize that the keyboard 14 may be provided with one or more keys that function similarly to buttons 16 and 18.

As shown in FIG. 4, the present invention is also designed for use on a standard

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personal computer 12 with a conventional keyboard 14. A translation template 20 may be provided that is used by the translation module to identify a translated request. For example, the translation template may designate the "1" key as a translated request. Thus, the user would enter a "1.books.com" which would be identified by the translation module as a level 1 translation and proceed accordingly." *Fuisz*, at column 5, lines 14-34.

Fuisz continues by teaching as follows:

"In order for the translation formula to be implemented by the PC, browser or router, it is expressly contemplated that there is some form of translation identifier that will be used. As shown in FIG. 3, the translation identifier may comprise a dedicated button that provides an input to the translation program. Use of a dedicated input signal permits the user to continue to enter Web addresses in a conventional format. Alternately, an existing input, such as designated by the template 20, shown in FIG. 4, may be used. In yet another embodiment, a translation identifier is inserted into the Web address by the user." *Fuisz*, at column 7, lines 45-56.

With regard to the translation module, Fuisz teaches as follows:

"A translation module 38 as shown in FIG. 6 may be used in conjunction with a Web browser that has dedicated translation button, like that shown in FIG. 3. Thus, the user pushed the dedicated button for the desired translation and in doing so inputs a translation identifier (step 40). For example purposes only, the translation identifier is a button labeled "www" that is colored green. The web address is then input (step 42). For example purposes only, the Web address input is "www.tonyspizza.com". Based on the translation identifier, the module retrieves the appropriate translation formula (step 44) and applies it (step 46). For example purposes only, the green "www" layer appends the term "green123" to all addresses. The resulting translated address is, thus, www.tonyspizzagreen123.com". This translated address is then processed like a conventional Web address (step 48)." *Fuisz*, at column 8, lines 25-40.

As indicated above, Fuisz fails to teach "receiving a request uniform locator" and from the received request uniform locator "determining the patterned URL." Fuisz further fails to teach that from the determined patterned URL "generating a destination URL based on at least one of..." Accordingly, Applicants assert that independent claim 1 is allowable over the cited references.

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Independent claim 15 includes the following combination of elements not taught or otherwise suggested by the cited references:

> "a memory coupled with and readable by the processor and having stored therein instructions which, when executed by the processor, cause the processor to *receive a request Uniform Resource Locator (URL)* comprising data related to a patterned URL and data related to a destination URL, *determine the patterned URL* based on the data related to the patterned URL from the request URL, and *generate a destination URL* based on at least one of: the patterned URL, the data related to the destination URL from the request URL, and redirector configuration information."

Applicants rely on the above arguments in support of independent claim 15. Independent claim 29 includes the following elements not taught or otherwise suggested by the cited references:

> "receiving the request Uniform Resource Locator (URL) *comprising data related to a patterned URL and data related to a destination URL*;
> *determining the patterned URL based on the data related to the patterned URL from the request URL*; and
> generating a destination URL *based on at least one member of a group comprising: the patterned URL, the data related to the destination URL from the request URL, and redirector configuration information.*"

Applicants rely on the above arguments in support for independent claim 29. With regard to dependent claims 6-7, 9, 12, 16-21, 23, 26, 30-35, 37 and 40, Applicants assert that those claims include elements not taught or otherwise suggested by the cited reference. Moreover, those claims ultimately depend from independent claims 1, 15, and 29, respectively. As such, Applicants believe that those claims should be found allowable for at least the same reasons set forth above for independent claims 1, 15, and 29.

III.   Rejection of Claims 8, 10-11, 13-14, 22, 24-25, 27-28, 36, 38-39, and 41-42 Under 35 U.S.C. 103(a).

Claims 8, 22, and 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fuisz in view of U.S. Patent No. 6,542,933 issued to Durst, Jr. et al. (hereinafter "Durst"). Claims 10, 11, 13, 14, 24, 26, 27, 28, 38, 39, and 41-42 are rejected under 35 U.S.C. 103(a) as

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being unpatentable over Fuisz and further in view of U.S. Publication No. 2004/0205557 published to Bahrs et al. (hereinafter "Bahrs"). Applicants respectfully disagree with the above rejection. There is no suggestion in either of the references that they may be combined in the manner asserted in the Office Action. Moreover, even if an argument could be made that a suggestion exists, the claims include elements not taught by the cited references. Also, the above stated claims ultimately depend from independent claims 1, 15, and 29, respectively. Claims 1, 15, and 29 are allowable for the reasons set forth above. Accordingly, Applicants believe that dependent claims are allowable for at least those same reasons.

IV. Request for Reconsideration.

In view of the foregoing amendments and remarks, all pending claims are believed to be allowable and the application is in condition for allowance. Therefore, a Notice of Allowance is respectfully requested. Should the Examiner have any further issues regarding this application, the Examiner is requested to contact the undersigned attorney for the applicant at the telephone number provided below.

Respectfully submitted,

MERCHANT & GOULD P.C.
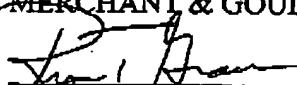
Ryan T. Grace
Registration No. 52,956
Direct Dial: 206.342.6258

MERCHANT & GOULD P.C.
P. O. Box 2903
Minneapolis, Minnesota 55402-0903
206.342.6200

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